


Exhibit A

‘872 Patent

US9531872 B2 Claim 10	Twilio
10. A method for providing an indication about a missed call, said method comprising the following steps:	 <p>The advertisement features the Twilio logo at the top left, with 'Sign up' and 'Menu' buttons at the top right. Below the logo is a collage of communication-related icons: a blue speech bubble with a red '1', a green progress bar, a dark blue phone dial pad with '+1' and asterisks, a green waveform with 'REC' and a red dot, and a white profile card with a photo and a heart icon. The main text reads 'Twilio Customer Engagement Platform' in red, followed by 'Intelligent customer engagement—at scale' in large blue font. Below this is the text 'Twilio powers personalized interactions and trusted global communications to connect you with customers.' A dark blue footer bar contains 'COPYRIGHT © 2021 TWILIO INC.' and a link to a missed calls article. A vertical 'Feedback' button is on the right side.</p> <p>Twilio Customer Engagement Platform</p> <p>Intelligent customer engagement—at scale</p> <p>Twilio powers personalized interactions and trusted global communications to connect you with customers.</p> <p>COPYRIGHT © 2021 TWILIO INC.</p> <p>https://oneview.Twilio.com/s/article/Missed-Calls?language=en_US</p> <p>Twilio has a method for providing an indication about a missed call.</p>

US9531872 B2 Claim 10	Twilio
<p>receiving an incoming call by means of a communication apparatus comprising receiving means;</p> <p>processing said received incoming call by means of a control unit coupled to said receiving means;</p> <p>outputting, by means of an output means, information related to the received incoming call to a user of the communication apparatus;</p>	<h3>Check Your Call Logs</h3> <p>Check the <u>Twilio Call Logs</u> to validate that we have <u>successfully received and processed the incoming call(s)</u>. You can view the logs and search for your call record via either Console, or the REST API.</p> <p>A record doesn't exist for the call: If you don't see a record for the call in question, then there is likely an issue elsewhere. Continue reading for additional troubleshooting.</p> <p>A record does exist for the call: If you do see a record for the call in question, this indicates Twilio has successfully received the call, and the issue lies elsewhere. Continue troubleshooting with the following checklist:</p> <ul style="list-style-type: none"> • Are you troubleshooting an Elastic SIP Trunking or SIP Domain call? • Are you (or a caller) hearing the "An application error has occurred" error on your call? • Is an outbound call not connecting? • Does the call log show any Debug Events? • Is your TwiML URL or Application SID responding as intended? • Are you (or a caller) experiencing any audio quality issues? <p><https://support.twilio.com/hc/en-us/articles/360021667534-Troubleshooting-Incoming-Calls-on-a-Twilio-Phone-Number></p> <p>The reference describes receiving an incoming call by means of a communication apparatus comprising receiving means.</p> <p>The reference describes processing said received incoming call by means of a control unit coupled to said receiving means.</p> <p>The reference describes outputting, by means of an output means, information related to the received incoming call to a user of the communication apparatus.</p>

US9531872 B2 Claim 10	Twilio
<p>wherein said step of outputting information is performed by cause processing means associated to said control unit, said cause processing means performing the steps of:</p> <p>verifying if the received incoming call is a missed received incoming call that was received by the communication apparatus but was not answered by the user of the communication apparatus;</p> <p>extracting a cause value from a cause information element sent from a network to said apparatus; and</p> <p>outputting to the user an indication related to the cause value via the output means;</p>	<h3 data-bbox="537 302 813 338">Final Call Statuses</h3> <p data-bbox="537 365 1260 443">After a call has finished, the following <u>final status options</u> are possible:</p> <div data-bbox="537 491 1321 1241"> <div data-bbox="553 512 1321 575"> <p>busy</p> <p>Twilio dialed the number, but received a busy response.</p> </div> <div data-bbox="553 596 1321 848"> <p>no-answer</p> <p>Twilio dialed the number but no one answered before the <u>timeout parameter value elapsed</u>. This can be configured for each call, but by default is set to 60 seconds on outbound API calls, and 30 seconds on outbound <Dial> calls.</p> </div> <div data-bbox="553 869 1321 1058"> <p>canceled</p> <p>Prior to being answered, an outbound call was canceled via an HTTP POST request to the REST API, or an incoming call was disconnected by the calling party</p> </div> <div data-bbox="553 1079 1321 1241"> <p>failed</p> <p>Twilio's carriers could not connect the call. Possible causes include the destination is unreachable, or the number may have been input incorrectly.</p> </div> </div> <p data-bbox="500 1251 1382 1304">https://support.twilio.com/hc/en-us/articles/223132547-What-are-the-Possible-Call-Statuses-and-What-do-They-Mean-</p> <p data-bbox="500 1325 1354 1398">The reference describes verifying if the received incoming call is a missed received incoming call that was received by the communication apparatus but was not answered by the user of the communication apparatus.</p> <p data-bbox="500 1419 1370 1472">The reference describes extracting a cause value from a cause information element sent from a network to said apparatus.</p> <p data-bbox="500 1493 1398 1545">The reference describes outputting to the user an indication related to the cause value via the output means.</p>

US9531872 B2 Claim 10	Twilio
<p>wherein said step of outputting to the user an indication related to the cause value is performed through the steps of:</p> <p>verifying when the cause value comprises an indication that the missed received incoming call was automatically caused by the network, and in such a case consequently outputting to the user via said output means said indication that the missed received incoming call was ended by the network and was urgent; and</p> <p>verifying when the cause value comprises an indication that the missed received incoming call was cleared by the caller, and in such a case outputting to the user via said output means an indication that the missed received incoming call was ended by the caller.</p>	<h3 data-bbox="548 289 803 325">Final Call Statuses</h3> <p data-bbox="548 352 1226 422">After a call has finished, the following final status options are possible:</p> <div data-bbox="548 470 1279 1178"> <div data-bbox="565 485 1198 527"> <p>busy</p> <p>Twilio dialed the number, but received a busy response.</p> </div> <div data-bbox="565 569 1258 789"> <p>no-answer</p> <p>Twilio dialed the number but no one answered before the timeout parameter value elapsed. This can be configured for each call, but by default is set to 60 seconds on outbound API calls, and 30 seconds on outbound <Dial> calls.</p> </div> <div data-bbox="565 831 1258 989"> <p>canceled</p> <p>Prior to being answered, an outbound call was canceled via an HTTP POST request to the REST API, or an incoming call was <u>disconnected by the calling party</u></p> </div> <div data-bbox="565 1031 1258 1178"> <p>failed</p> <p><u>Twilio's carriers could not connect the call</u>. Possible causes include the destination is unreachable, or the number may have been input incorrectly.</p> </div> </div> <p data-bbox="511 1188 1388 1241">https://support.twilio.com/hc/en-us/articles/223132547-What-are-the-Possible-Call-Statuses-and-What-do-They-Mean-</p> <p data-bbox="511 1262 1388 1388">The reference describes verifying when the cause value comprises an indication that the missed received incoming call was automatically caused by the network, and in such a case consequently outputting to the user via said output means said indication that the missed received incoming call was ended by the network and was urgent.</p> <p data-bbox="511 1409 1388 1514">The reference describes verifying when the cause value comprises an indication that the missed received incoming call was cleared by the caller, and in such a case outputting to the user via said output means an indication that the missed received incoming call was ended by the caller.</p>

